ELSEVIER

Tectonophysics 246 (1995) 279

TECTONOPHYSICS

Contents

Tectonophysics Volume 246

Research Papers

Actively evolving microplate formation by oblique collision and sideways motion along strike-slip faults: An example from the northeastern Caribbean plate margin
P. Mann, F.W. Taylor, R.L. Edwards and T.-L. Ku 1

Buoyancy tectonic models of uplift and subsidence along high-angle faults in extensional and compressional tectonic regimes
M. Reiter 71

The structural evolution of the western Irish Variscides: an example of obstacle tectonics?
P.A. Meere 97

The Ibero–Armorican Arc: A collision effect against an irregular continent?
R. Dias and A. Ribeiro 113

Contractional, transcurrent, rotational and extensional tectonics: examples from Northern Taiwan
C.-Y. Lu, J. Angelier, H.-T. Chu and J.-C. Lee 129

Roles of mantle diapir and ductile lower crust on island-arc tectonics
M. Nakada and Y. Takeda 147

Stress directions along the Alaska Wadati–Benioff zone from inversion of focal mechanism data
Z. Li, N. Biswas, G. Tytgat, H. Pulpan and M. Wyss 163

On the significance of foliation patterns preserved around folds by mineral overgrowth
T.H. Bell and A. Forde 171

Sequential nesting of magmas in marble, southwestern Grenville Province, Québec: from fracture propagation to diapirism
L. Corriveau and D. Leblanc 183

Discussion

Cenozoic volcanism in Western Senegal and its relationship to the opening of the Central Atlantic Ocean — Comment
G. Crevola 201

Cenozoic volcanism in western Senegal and its relationship to the opening of the central Atlantic Ocean — Reply
P.G. Lô, A. Dia and A.B. Kampunzu 205

Research Papers

Late Cenozoic crustal deformation of the north-central Basin and Range Province, western US
Y. Eyal and H. Ron 211

The earthquake sequence of June 1992 near Saba, West Indies
W.B. Ambeh and L.L. Lynch 225

Coda-Q distribution in the Canary Islands
J.A. Canas, L.G. Pujades, M.J. Blanco, V. Soler and J.C. Carracedo 245

Helium content in thermal waters in the Caucasus from 1985 to 1991 and correlations with the seismic activity
F. Bella, P.F. Biagi, M. Caputo, E. Cozzi, G. Della Monica, A. Ermini, W. Plastino, V. Sgrigna and D. Zilpimiani 263

Contents Volume 246 (1995) 279